

What is claimed is:

1. A line pressure control apparatus for a V-belt type continuously variable transmission, which includes a primary pulley and a secondary pulley supporting a V belt by sandwiching the same, and in which line pressure is generated according to a running condition and oil pressure to be applied to the primary pulley and the secondary pulley is generated from the line pressure, comprising:

engine speed detecting means for detecting an engine speed;

line pressure upper limit setting means for setting an upper limit of the line pressure; and

line pressure control means for controlling the line pressure according to the running condition; and

wherein said line pressure upper limit setting means is operable when the engine speed detected by said engine speed detecting means is equal to or higher than a predetermined speed, for setting the upper limit of the line pressure; and

said line pressure control means controls the line pressure such that the line pressure does not exceed the upper limit of the line pressure set by said line pressure upper limit setting means.

2. A line pressure control apparatus for a V-belt type continuously variable transmission according to claim 1, wherein said line pressure upper limit setting means

variably sets the upper limit of the line pressure according to the engine speed detected by said engine speed detecting means.

3. A line pressure control apparatus for a V-belt type continuously variable transmission according to claim 1 or 2, comprising:

range signal detecting means for detecting a range signal outputted from an inhibitor switch; and

wherein said line pressure upper limit setting means variably sets the upper limit of the line pressure according to the range signal detected by said range signal detecting means.